

Lesson 1 Skills Practice

Solve Equations with Rational Coefficients

Solve each equation. Check your work.

1. $\frac{1}{8}x = 5$

2. $\frac{2}{9}w = 24$

3. $\frac{3}{7}k = \frac{12}{35}$

4. $\frac{8}{9}p = \frac{12}{18}$

5. $0.3v = 1.35$

6. $2.5c = 15.75$

7. $-\frac{4}{11}y = -\frac{16}{33}$

8. $\frac{10}{13}n = -\frac{30}{39}$

9. $-0.54 = 0.36m$

10. $-2.3f = 9.2$

11. $-8h = -0.36$

12. $-\frac{1}{8}n = -\frac{2}{7}$

13. $-\frac{16}{19}y = -\frac{20}{38}$

14. $\frac{12}{20}n = -\frac{36}{44}$

15. $-7.56 = 1.26m$

16. $-64.5g = -25.8$

17. $-3.2a = -55.68$

18. $-\frac{15}{28}s = -\frac{9}{10}$